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(54) Title: PRODUCTION OF L-ALDONOLACTONE

(57) Abstract: The present invention provides a process for the production of L-aldonolactone from L-aldohexose, especially for producing L-gulonolactone or L-gulonic acid from L-gulose and producing L-galactonolactone or L-galactonic acid from L-galactose by a microorganism belonging to the genus *Pseudomonas* or the genus *Gluconobacter*.

WO 2004/029264 A1